



RGFHT CLEANABLE HIGH TEMPERATURE FINE PARTICULATE FILTER ELEMENTS FOR GAS OR LIQUID



SERIES "RGFHT"

Fine Particulate Filter Elements for Hot Gas or Hot Liquid with bolted covers and "Out to In" flow path

Patent Pending

APPLICATIONS

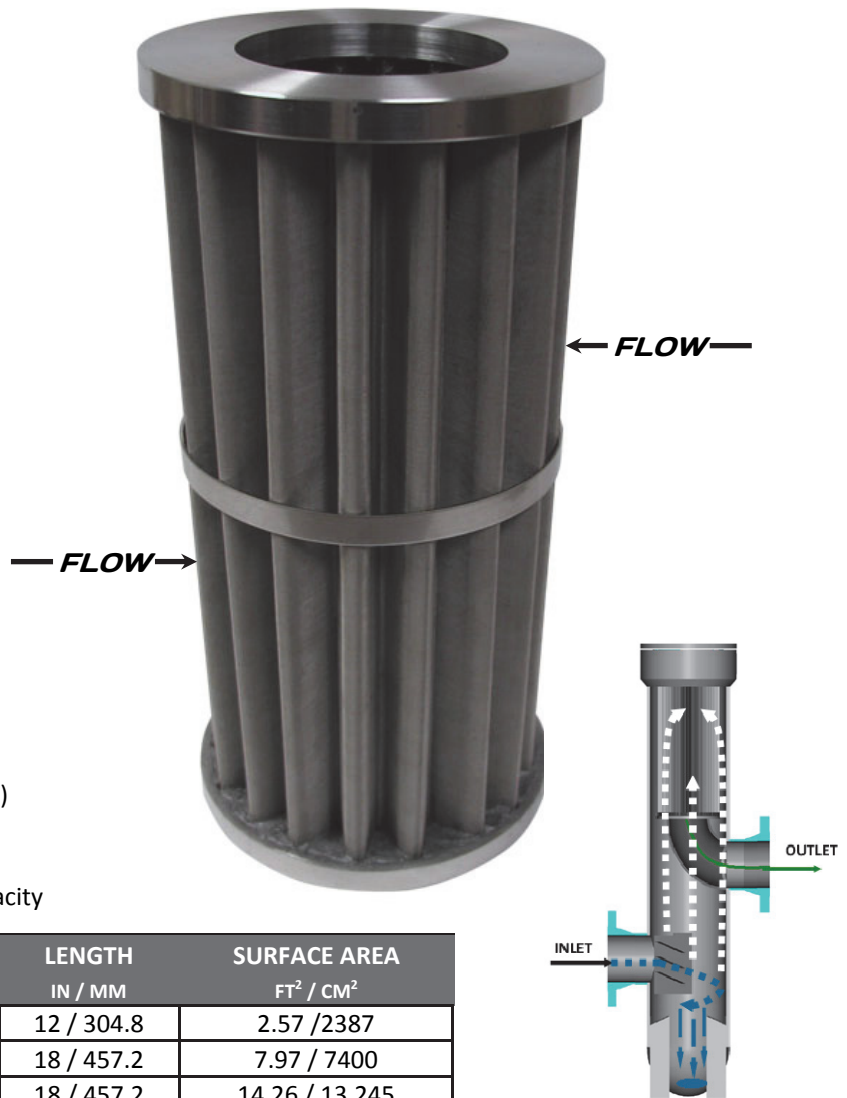
- Gasification Systems (IGCC, BIOMASS, etc)
- Pyrolysis, Combustion, and Catalytic processes
- Municipal Solid Waste Incineration
- Hot Water Filtration
- Petrochemical
- Pharmaceutical
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FILTRATION

2, 5, 10, 25 or 50 microns filtration Nominal (XX)

DESIGN INFORMATION

- Maximum operating temperature **1500°F (815°C)**
- Resilient Back-flushable element (Air, Gas, Water, Steam)
- Designed for low pressure drop
- Stackable design to meet any desired flow rate
- "Out to In" Flow Path for large contaminant holding capacity



ELEMENT NO	OD	ID	LENGTH	SURFACE AREA
	IN / MM	IN / MM	IN / MM	FT ² / CM ²
991-RGFHT-XX-1	5.53 / 140.5	3.53 / 89.7	12 / 304.8	2.57 / 2387
991-RGFHT-XX-4	9.56 / 243.0	6.65 / 169.0	18 / 457.2	7.97 / 7400
991-RGFHT-XX-5	15.75 / 400.0	13.00 / 330.2	18 / 457.2	14.26 / 13,245

Notes: Dimensions are subject to change without notice. Other Materials of construction are available. Please consult the TM Sales Department or your local sales representative for certified drawings or to discuss interchangeability with GFC Elements.

COMPONENTS	MATERIAL	PURPOSE
OUTER PLEATED MESH SCREEN	316 SS METALLIC SCREEN	IMPACT PROTECTION - COURSE FILTRATION
PLEATED FILTER	316 SS METALLIC FILTER LAYER	PARTICULATE FINE FILTRATION
INNER PLEATED MESH SCREEN	316 SS METALLIC SCREEN	COURSE FILTRATION (FOR BACKFLUSH)
PERF	316 SS METAL	RE-ENFORCEMENT SUPPORT
END CAPS	316 SS METAL	RIGIDITY, SEALING SURFACE

PATENTED & INNOVATIVE FILTRATION TECHNOLOGIES